

Title (en)  
EXTRACTOR/STRAIGHTENER DEVICE FOR CONTINUOUS CASTING INSTALLATIONS

Publication  
**EP 0229341 A3 19871209 (EN)**

Application  
**EP 86117420 A 19861215**

Priority  
IT 1240286 A 19860107

Abstract (en)  
[origin: EP0229341A2] This invention relates to an extractor/straightener device for continuous metal casting installations, particularly for curved continuous casting. In order to cast either round-section strands and square-, rectangular- or polygonal-section strands, the extractor/straightener device (10) comprises two successive pairs of extractor rollers, one pair including rollers (11, 12) with a groove or race therein (15) for round-section strands (7'), the other pair including cylindrical rollers (13, 14) for square-section strands (7''). The two pairs of extractor rollers (11, 12 and 13, 14) are followed by a straightener roller (31). Means are provided to regulate the distance between the rollers (11, 12 and 13, 14) of each pair of extractor rollers so as to exert a tractive action on the strand (7' or 7''), alternately, by means of either the former or the latter pair of said rollers (11, 12 or 13, 14) depending upon the profile of said strand.

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**B22D 11/128; B22D 11/14; B22D 11/16**

IPC 8 full level  
**B22D 11/12** (2006.01)

CPC (source: EP US)  
**B22D 11/1226** (2013.01 - EP US)

Citation (search report)  
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CN102189236A; EP2263816A1; CN102481624A; WO2010139438A1

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